

Growing Curiosity: Taking Plant Science into the Community

Purpose

Together, the Center for Applied Plant Sciences (CAPS) and the Arabidopsis Biological Resource Center (ABRC) are expanding their efforts to engage students and the community in learning about plants. CAPS' efforts focus on connecting people through team science and raising awareness about the potential plants have to help solve some of the difficult challenges facing humanity. ABRC continues to focus on K-12 education, using plants as a model to teach a variety of science concepts.

Impact

ABRC and CAPS support K-12 science education through hands-on programs for students both on-campus and in schools, professional development for teachers, participation in science education conferences, online access to Greening the Classroom modules, and free Arabidopsis seeds for teachers. In 2016, we reached more than 1,500 teachers and approximately 500 students through our focus on K-12 programming.

Recognizing the importance of informal education experiences, our Centers are developing community partnerships and participating in public programs to raise awareness about the importance of plants. Over the past year we have received support from the Building with Biology project, and the ASPB Plant BLOOME grant to strengthen partnerships and create

Ohio State Colleges/Units Involved

College of Arts and Sciences
College of Food, Agricultural and Environmental Sciences
College of Engineering
Center for Applied Plant Sciences
Arabidopsis Biological Resource Center
Ohio Agricultural Research and Development Center
Biological Sciences Greenhouse

Community Partners Involved

Columbus City School District
Hilliard City School District
Olentangy Local School District
Pickerington Local School District
Circleville City School District
COSI
Franklin Park Conservatory

new program opportunities in Central Ohio and beyond. In 2016, our public programs reached more than 2,500 individuals.

CAPS strives to promote interdisciplinary team science throughout The Ohio State University and beyond with programs such as the TPS Graduate Program, Functional Genomics Workshops, CAPS Seminar Series and more.



THE OHIO STATE
UNIVERSITY



How you can get involved:

- Help promote ABRC and CAPS outreach and education resources and initiatives to schools and community partners.
- Are you an educator who uses Arabidopsis in the classroom? Consider donating a module to ABRC's collection of teacher resources.
- Attend the CAPS Seminar Series on Friday at 12:30 p.m. in 102 Rightmire Hall (video link to Selby Hall, OARDC)

To get involved, contact:

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